

FIG. 1A

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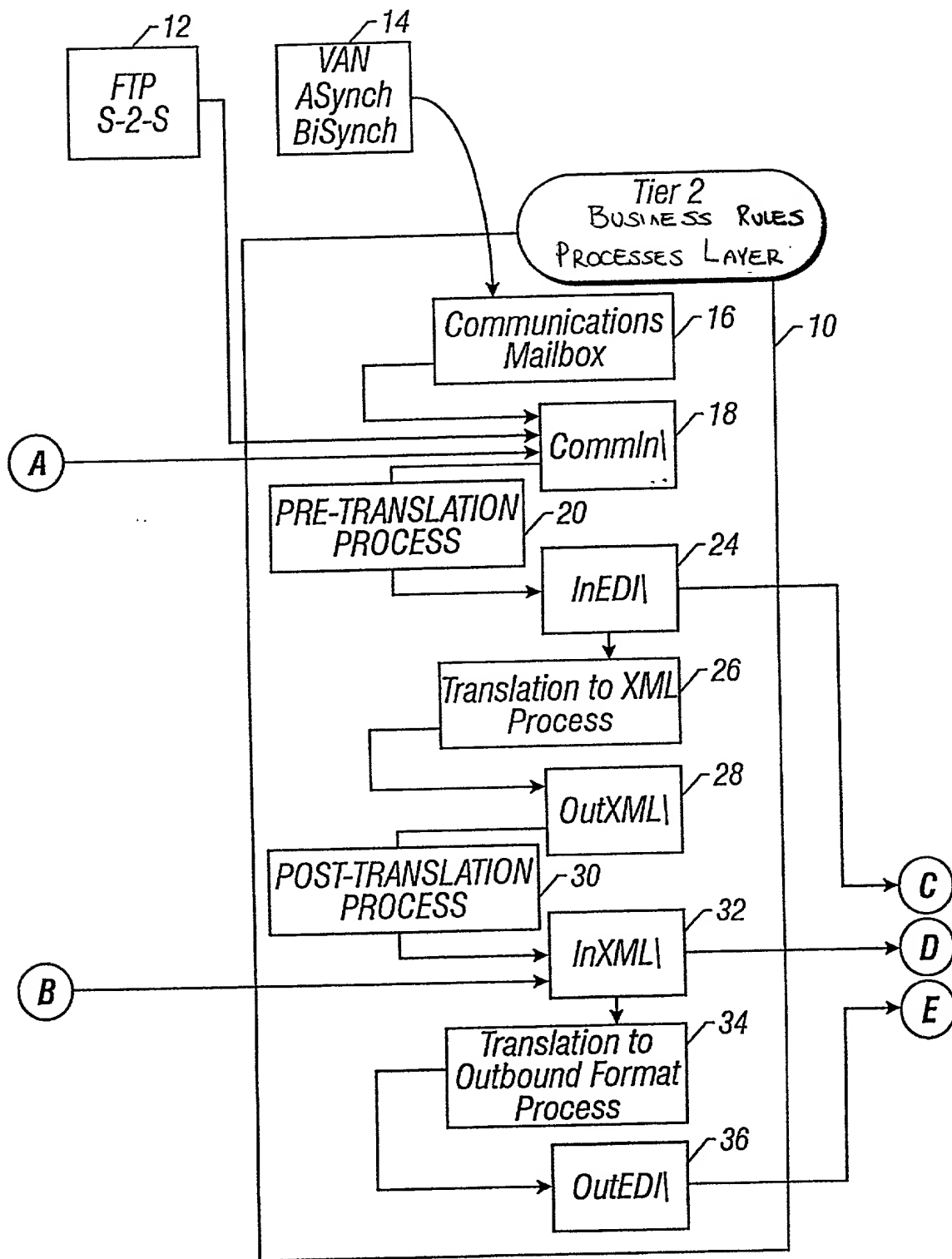


FIG. 1B

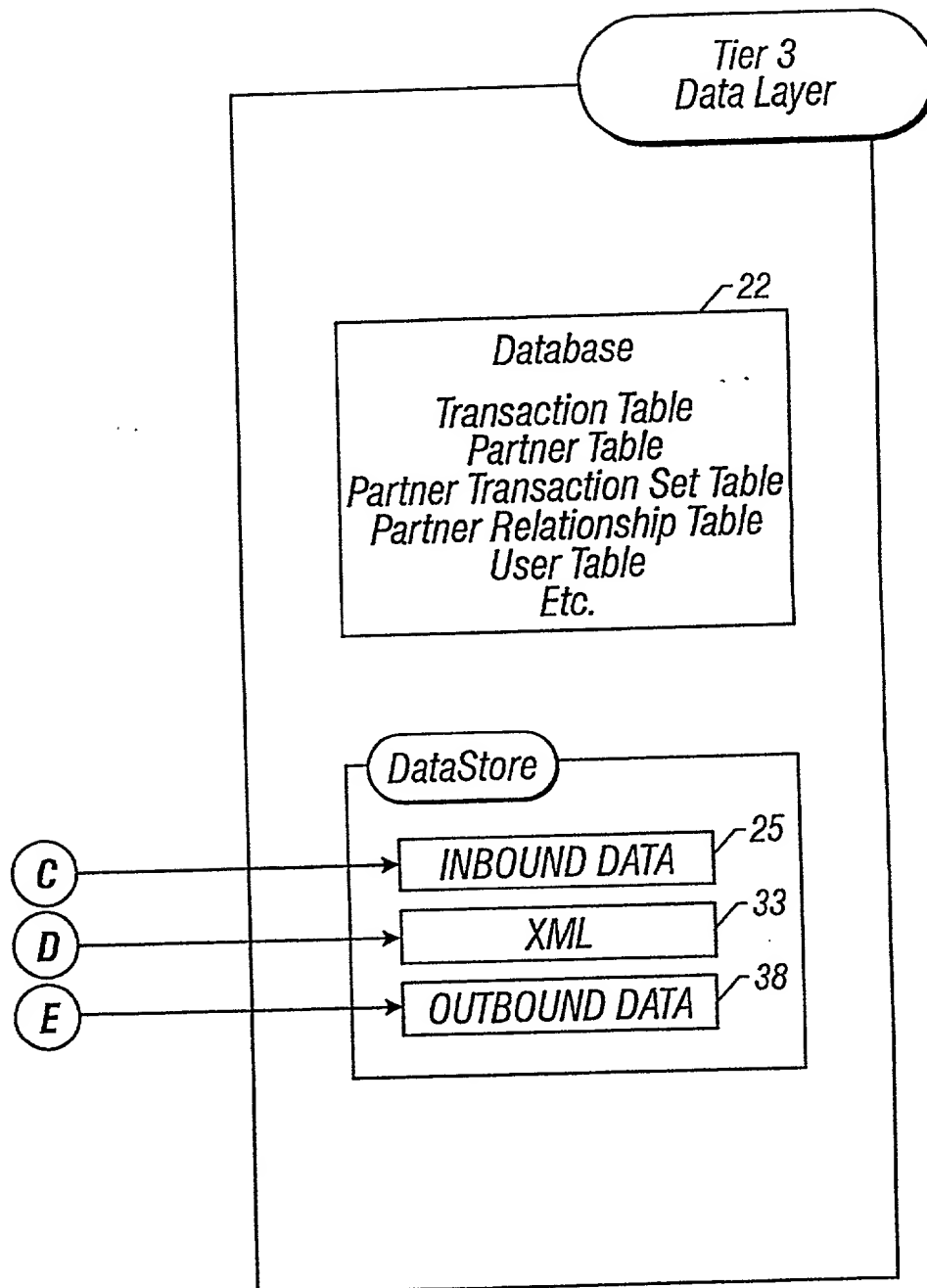
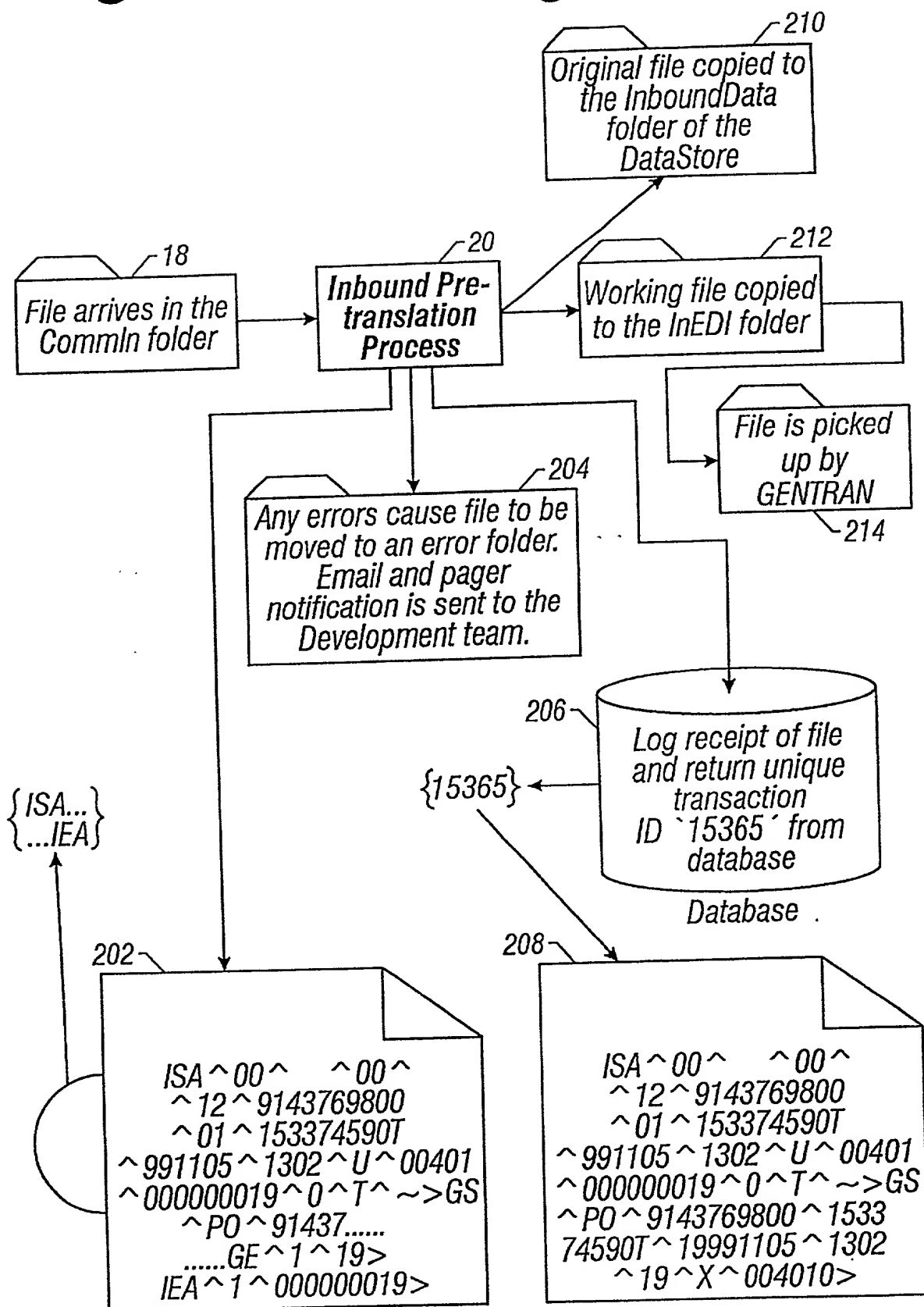


FIG. 1C

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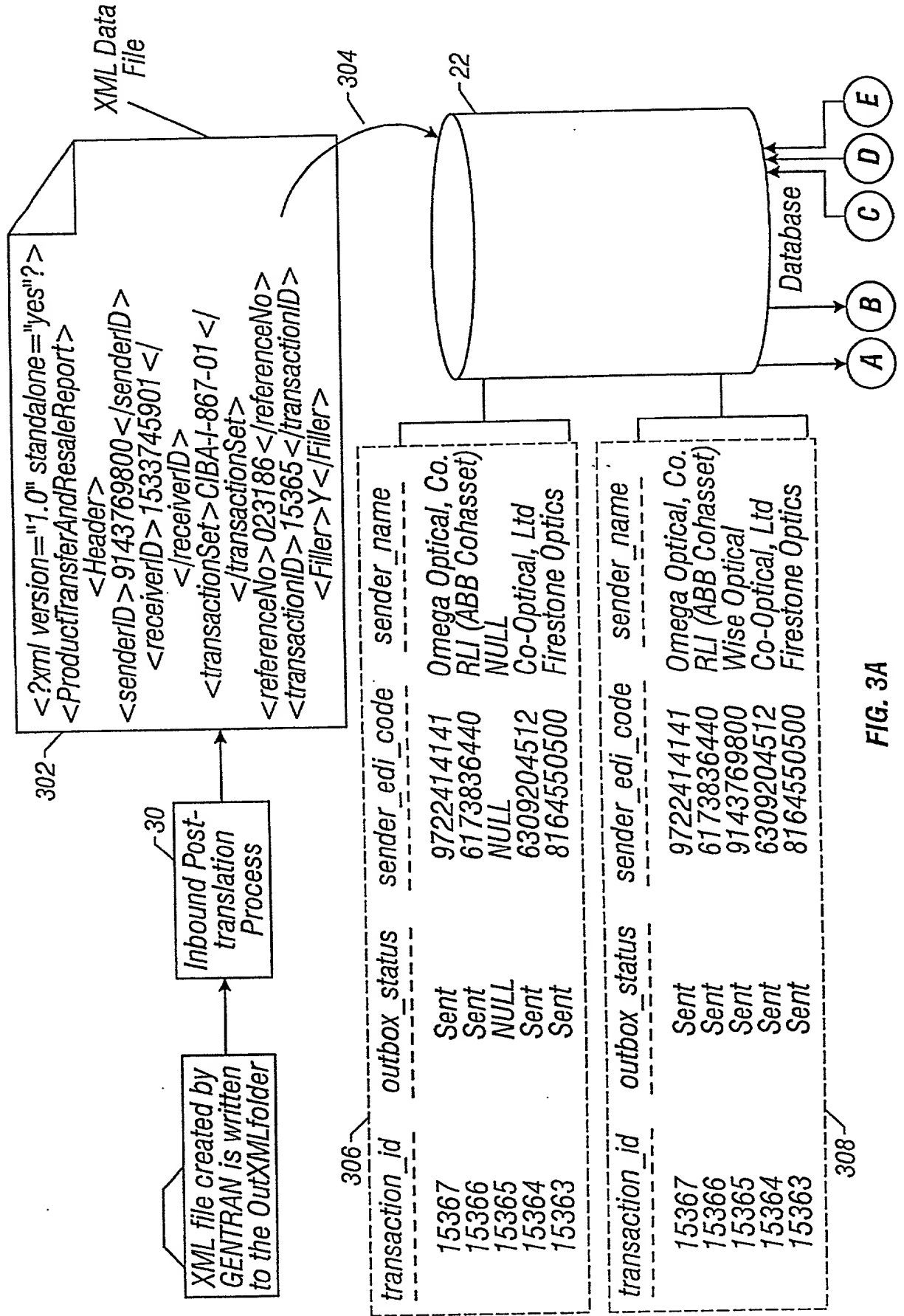


FIG. 3A

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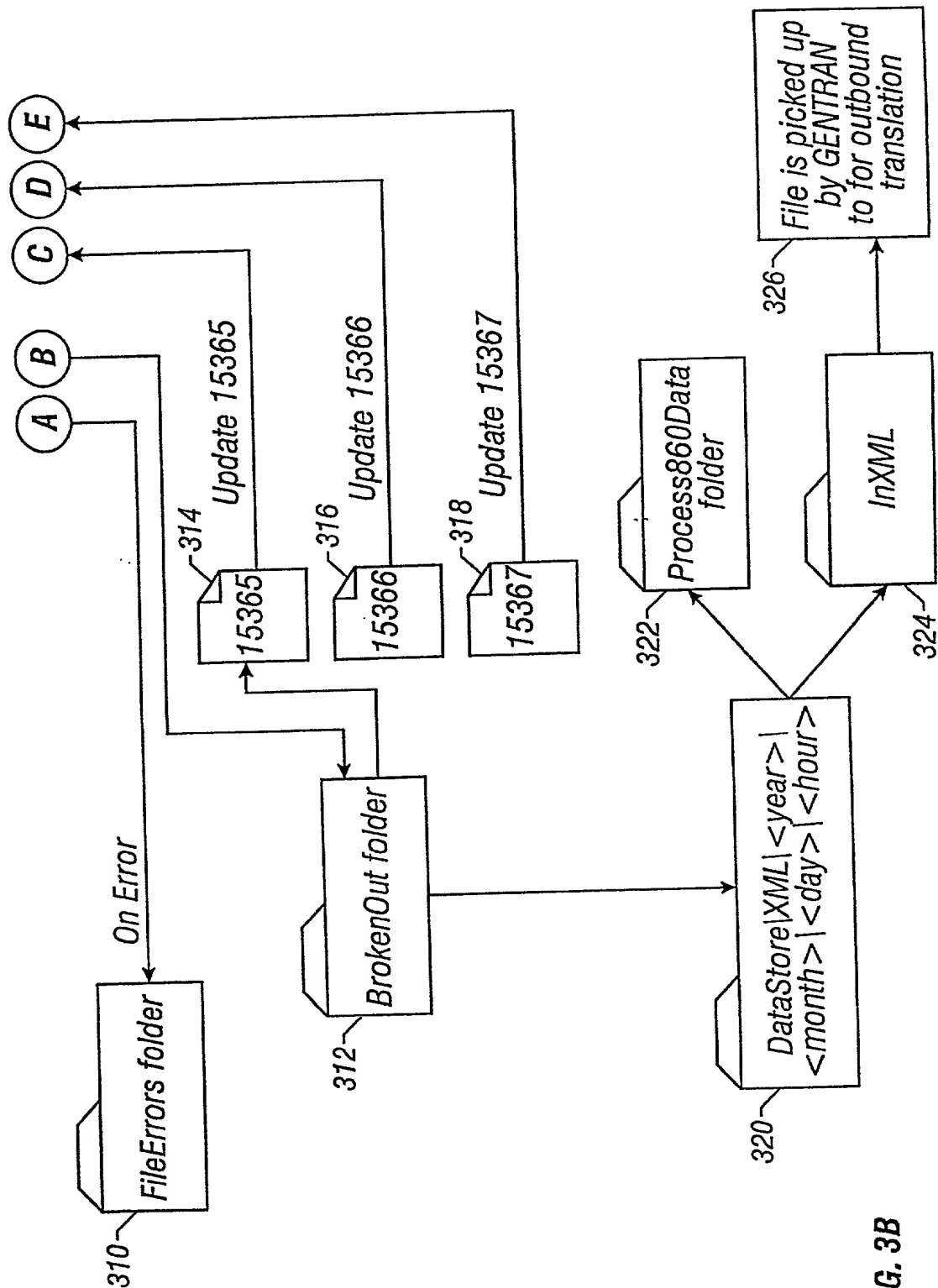


FIG. 3B

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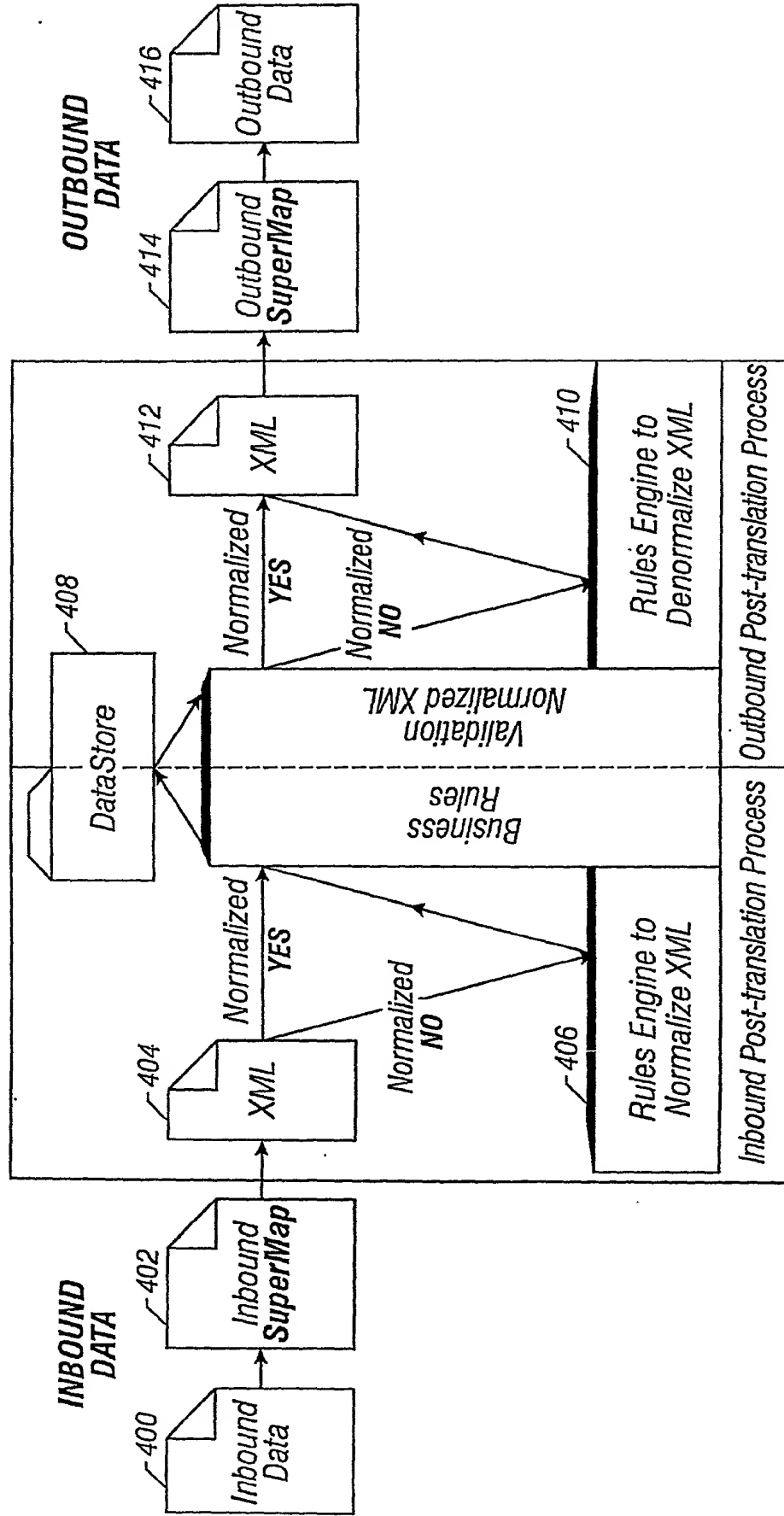


FIG. 4

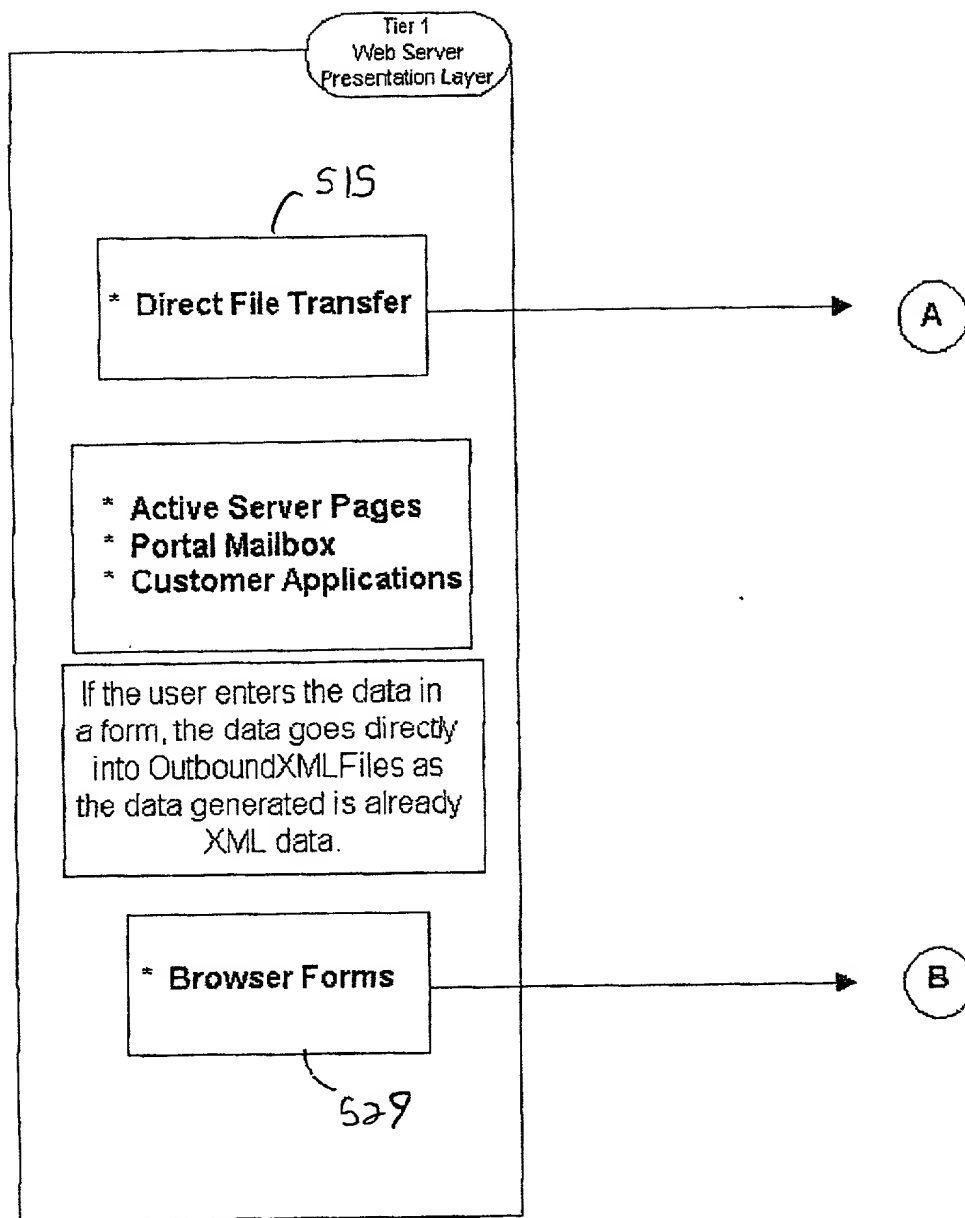
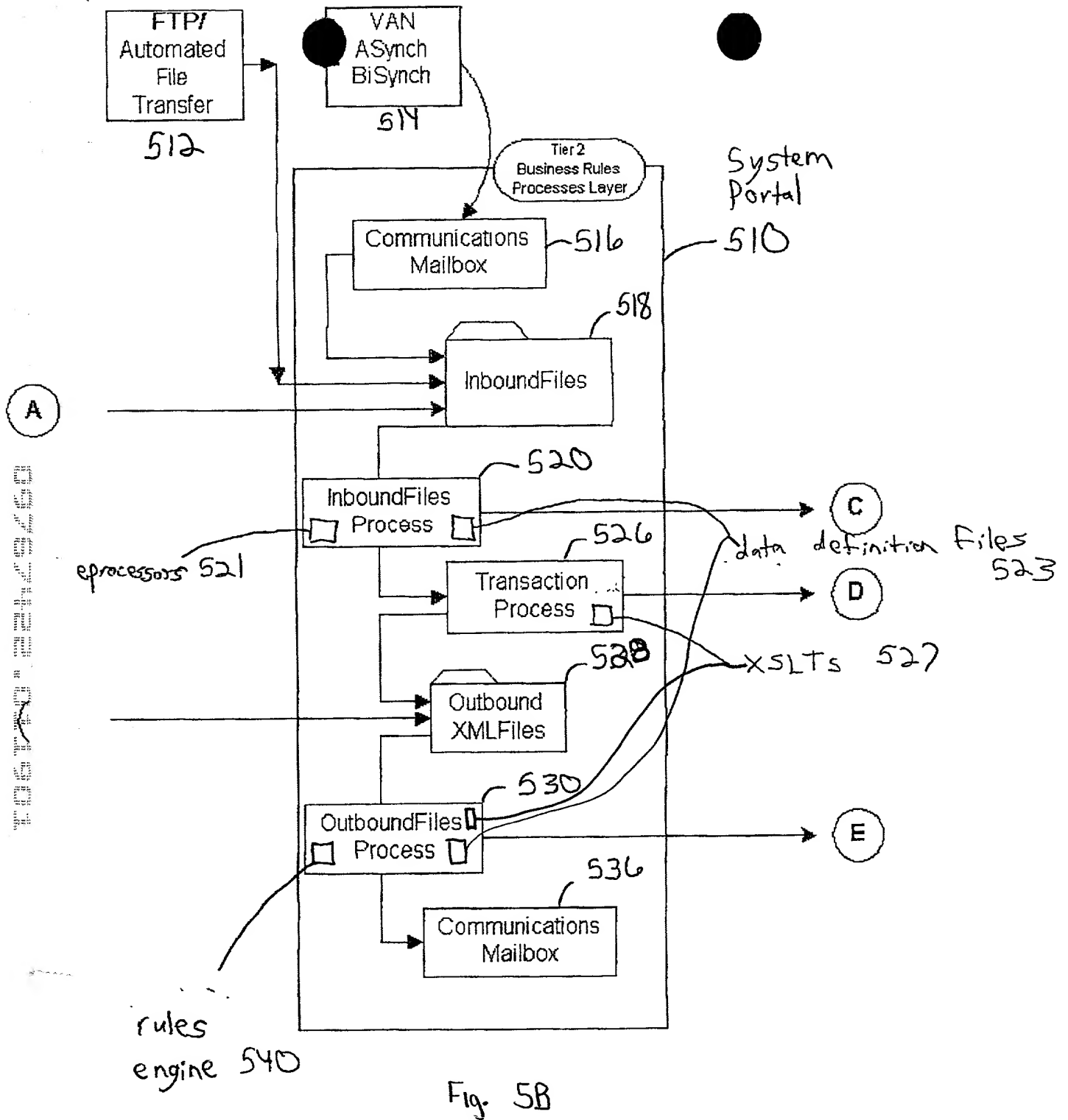


Fig. 5A

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FIG. 5C

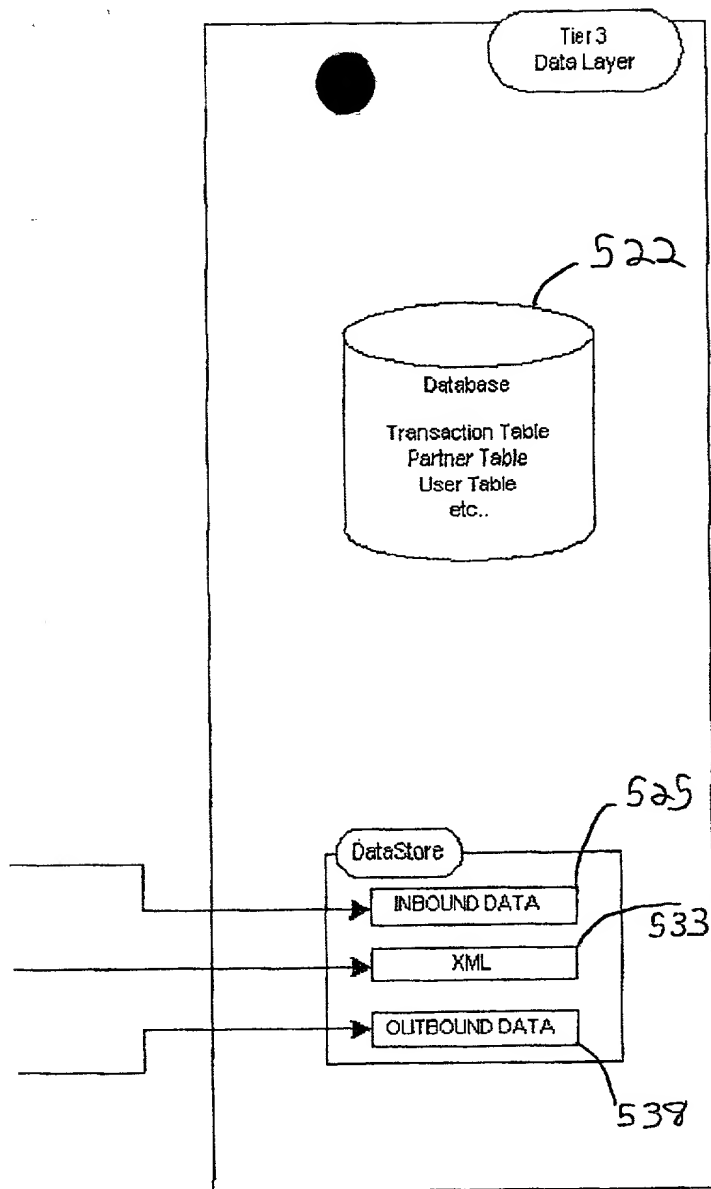


Fig. 5C

Transaction  
guide received 602

First column copied  
to data definition  
template 604

Additional columns  
of data definition  
template populated 606

Default values  
assigned for additional  
columns 608

Additional columns of  
transaction guide  
copied 610

Unfilled fields  
populated by user 612

Completed data definition  
template converted into  
data definition file 614

End

Fig 6.

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Step710:Idoc Implementation Guide

```
BEGIN_SEGMENT E2EDK02
LEVEL 02
STATUS OPTIONAL
LOOPMIN 0000000001
LOOPMAX 0000000010
  BEGIN_FIELDS
  NAME QUALF
  TEXT IDOC qualifier reference document
  TYPE CHARACTER
  LENGTH 000003
  FIELD_POS 0001
  BYTE_FIRST 000064
  BYTE_LAST 000066
  VALUE 001
  VALUE_TEXT Customer purchase order

  NAME BELNR
  TEXT IDOC document number
  TYPE CHARACTER
  LENGTH 000035
  FIELD_POS 0002
  BYTE_FIRST 000067
  BYTE_LAST 000101
```

Step720:Idoc Implementation Guide as XML

```
<BEGIN_SEGMENT>E2EDK02</BEGIN_SEGMENT>
<LEVEL>02</LEVEL>
<STATUS>OPTIONAL</STATUS>
<LOOPMIN>0000000001</LOOPMIN>
<LOOPMAX>0000000010</LOOPMAX>
  <BEGIN_FIELDS />
  <NAME>QUALF</NAME>
  <TEXT>IDOC qualifier reference document</TEXT>
  <TYPE>CHARACTER</TYPE>
  <LENGTH>000003</LENGTH>
  <FIELD_POS>0001</FIELD_POS>
  <BYTE_FIRST>000064</BYTE_FIRST>
  <BYTE_LAST>000066</BYTE_LAST>
  <VALUE>001</VALUE>
  <VALUE_TEXT>Customer purchase order</VALUE_TEXT>

  <NAME>BELNR</NAME>
  <TEXT>IDOC document number</TEXT>
  <TYPE>CHARACTER</TYPE>
  <LENGTH>000035</LENGTH>
  <FIELD_POS>0002</FIELD_POS>
  <BYTE_FIRST>000067</BYTE_FIRST>
  <BYTE_LAST>000101</BYTE_LAST>
```

**Step 730: Idoc EDD**

```
<RECORD NAME="E2EDK02" ACTIVE="yes" XMLTAG="E2EDK02" TAG="E2EDK02"
TAGPOSITION="0" MINOCCURRENCE="0" MAXOCCURRENCE="10">
  <ELEMENT NAME="QUALF" DESCRIPTION="IDOC qualifier reference document" ACTIVE="yes"
XMLTAG="QUALF" MINLENGTH="0" MAXLENGTH="3" OFFSET="63" REQUIRED="no"
JUSTIFICATION="left" DATATYPE="string"/>
  <ELEMENT NAME="BELNR" DESCRIPTION="IDOC document number" ACTIVE="yes"
XMLTAG="BELNR" MINLENGTH="0" MAXLENGTH="35" OFFSET="66" REQUIRED="no"
JUSTIFICATION="left" DATATYPE="string"/>
```

**Step 740: Idoc Source Data**

```
E2EDK02                0210000000003145844000011000000020014590012180
20001025082600
```

**Step 750: Idoc Intermediate XML (EDD output)**

```
<E2EDK02>
  <QUALF>001</QUALF>
  <BELNR>4590012180</BELNR>
```

**Step 760: Idoc XSLT**

```
<DocumentHeader>
  <xsl:for-each select="./E2EDK02[./QUALF = '001']">
    <poNumber><xsl:value-of select="./QUALF"/></poNumber>
    <poNumber><xsl:value-of select="./BELNR"/></poNumber>
  </xsl:for-each>
```

**Step 770: Idoc Normalized XML**

```
<DocumentHeader>
  <qualifier>001</qualifier>
  <poNumber>4590012180</poNumber>
```

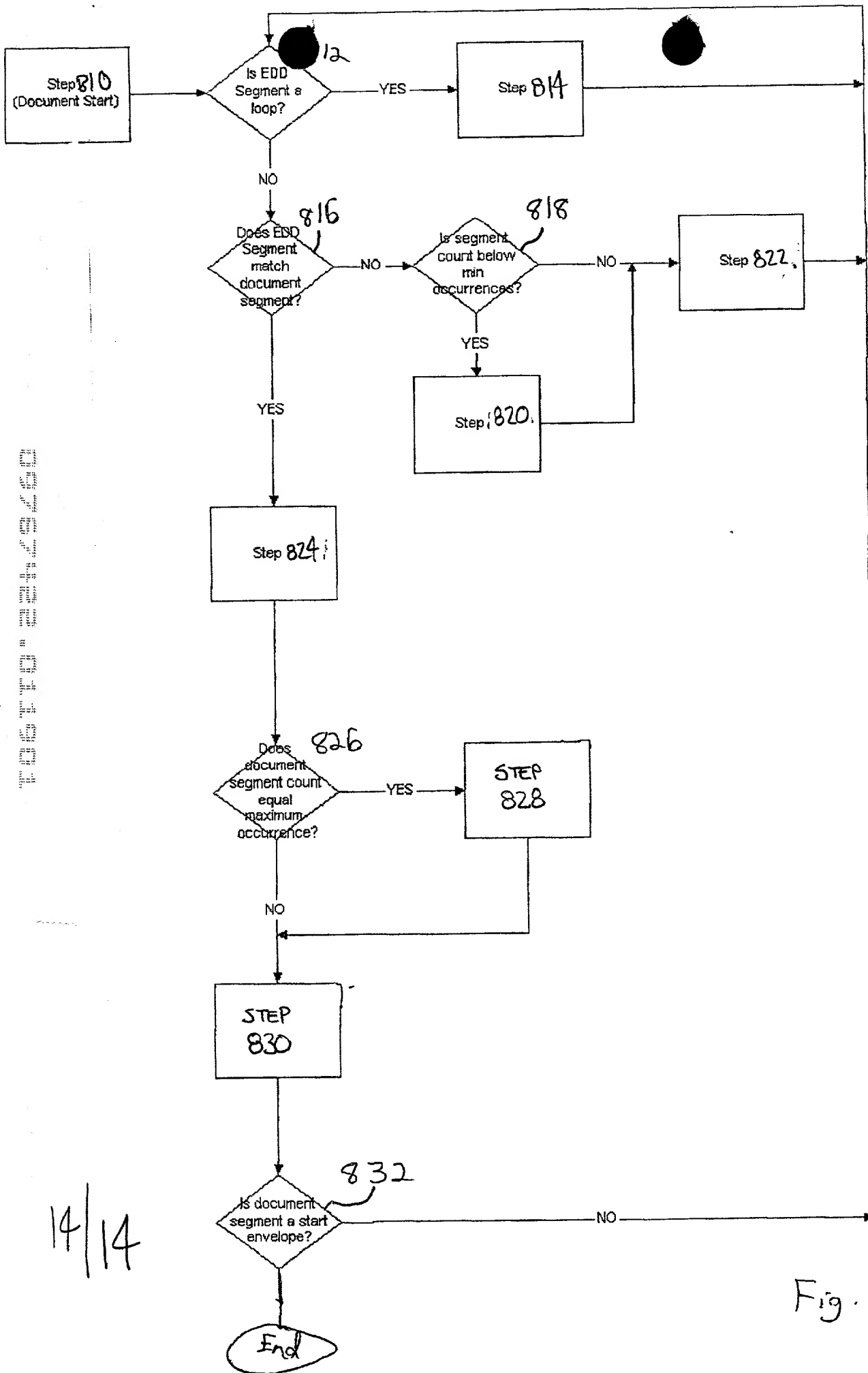


Fig. 8